

STATE OF SOUTH CAROLINA)

(Caption of Case))
In the Matter of:)

Amended Project Development Application of)
Duke Energy Carolinas, LLC)
for Approval of Decision to Incur Nuclear)
Generation Pre-Construction Costs)

BEFORE THE)
PUBLIC SERVICE COMMISSION)
OF SOUTH CAROLINA)

COVER SHEET)

DOCKET)

NUMBER: 2011 - 20 - E)

(Please type or print)

Submitted by: Charles A. Castle
Address: Duke Energy
550 S Tryon St., DEC45A
Charlotte, NC 28202

SC Bar Number: 79895

Telephone: 704.382.4499

Fax: _____

Other: _____

Email: alex.castle@duke-energy.com

NOTE: The cover sheet and information contained herein neither replaces nor supplements the filing and service of pleadings or other papers as required by law. This form is required for use by the Public Service Commission of South Carolina for the purpose of docketing and must be filled out completely.

DOCKETING INFORMATION (Check all that apply)

- Emergency Relief demanded in petition Request for item to be placed on Commission's Agenda expeditiously
- Other: _____

INDUSTRY (Check one)	NATURE OF ACTION (Check all that apply)		
<input checked="" type="checkbox"/> Electric	<input type="checkbox"/> Affidavit	<input type="checkbox"/> Letter	<input type="checkbox"/> Request
<input type="checkbox"/> Electric/Gas	<input type="checkbox"/> Agreement	<input type="checkbox"/> Memorandum	<input type="checkbox"/> Request for Certification
<input type="checkbox"/> Electric/Telecommunications	<input type="checkbox"/> Answer	<input type="checkbox"/> Motion	<input type="checkbox"/> Request for Investigation
<input type="checkbox"/> Electric/Water	<input type="checkbox"/> Appellate Review	<input type="checkbox"/> Objection	<input type="checkbox"/> Resale Agreement
<input type="checkbox"/> Electric/Water/Telecom.	<input type="checkbox"/> Application	<input type="checkbox"/> Petition	<input type="checkbox"/> Resale Amendment
<input type="checkbox"/> Electric/Water/Sewer	<input type="checkbox"/> Brief	<input type="checkbox"/> Petition for Reconsideration	<input type="checkbox"/> Reservation Letter
<input type="checkbox"/> Gas	<input type="checkbox"/> Certificate	<input type="checkbox"/> Petition for Rulemaking	<input type="checkbox"/> Response
<input type="checkbox"/> Railroad	<input type="checkbox"/> Comments	<input type="checkbox"/> Petition for Rule to Show Cause	<input type="checkbox"/> Response to Discovery
<input type="checkbox"/> Sewer	<input type="checkbox"/> Complaint	<input type="checkbox"/> Petition to Intervene	<input type="checkbox"/> Return to Petition
<input type="checkbox"/> Telecommunications	<input type="checkbox"/> Consent Order	<input type="checkbox"/> Petition to Intervene Out of Time	<input type="checkbox"/> Stipulation
<input type="checkbox"/> Transportation	<input type="checkbox"/> Discovery	<input type="checkbox"/> Prefiled Testimony	<input type="checkbox"/> Subpoena
<input type="checkbox"/> Water	<input type="checkbox"/> Exhibit	<input type="checkbox"/> Promotion	<input type="checkbox"/> Tariff
<input type="checkbox"/> Water/Sewer	<input type="checkbox"/> Expedited Consideration	<input type="checkbox"/> Proposed Order	<input type="checkbox"/> Other:
<input type="checkbox"/> Administrative Matter	<input type="checkbox"/> Interconnection Agreement	<input type="checkbox"/> Protest	
<input type="checkbox"/> Other:	<input type="checkbox"/> Interconnection Amendment	<input type="checkbox"/> Publisher's Affidavit	
	<input type="checkbox"/> Late-Filed Exhibit	<input checked="" type="checkbox"/> Report	

Duke Energy Carolinas, LLC (“Duke” or “the Company”) submits this Report of Lee Nuclear Station Activities and Expenditures for the period of October 1, 2011, through December 31, 2011, pursuant to Section II, Paragraph 4, of the Settlement Agreement approved by the Commission in Order No. 2011-454.

Task Description	Project Totals thru 2010	Previous	This Period	Total	Total
		01/01/2011-09/30/2011	10/01/2011-12/31/2011	Project Totals thru 2011	Project Totals to Date
<i>COLA Preparation</i>	\$27,426,317	\$0	\$0	\$0	\$27,426,317
<i>COLA Review</i>	\$53,694,143	\$11,040,951	\$5,302,852	\$16,343,802	\$70,037,945
<i>Land and Right-of-way Purchases</i>	\$43,065,872	\$27,677	\$594,928	\$622,605	\$43,688,477
<i>Pre-construction and Site Preparation</i>	\$21,504,429	\$5,309,670	\$3,569,163	\$8,878,833	\$30,383,262
<i>Supply Chain, Construction Planning, and Detailed Engineering</i>	\$22,229,847	\$5,049,809	\$2,457,357	\$7,507,166	\$29,737,013
<i>Operational Planning</i>	\$1,551,606	\$623,622	\$206,322	\$829,944	\$2,381,550
<i>AFUDC</i>	\$38,969,041	\$13,554,301	\$4,957,060	\$18,511,361	\$57,480,402
Total	\$208,441,255	\$35,606,030	\$17,087,681	\$52,693,711	\$261,134,967

The activities included in each category are as follows:

COLA Preparation – includes Duke labor, expenses and contract support for preparation of the Combined Construction and Operating License (COL) Application tendered to the Nuclear Regulatory Commission (NRC) on 12/13/07. The NRC determined the application was suitable for review and docketed the application on 02/25/08.

COLA Review – includes the cost of the NRC review fees, Duke labor and expenses, contract labor and legal support required to support the NRC review of the Lee Nuclear Station COL application. Also included are Duke labor and expenses and contract costs associated with the preparation and submittal of environmental permits in support of COL application. Duke submitted the National Pollutant Discharge Elimination System (NPDES) permit application to South Carolina Department of Health and Environmental Control (SCDHEC) on 8/15/11 and the 404 permit application to the US Army Corps of Engineers (USACE) on 11/15/11. The Draft Environmental Impact Statement (DEIS) was issued by the NRC on 12/13/11.

Land and Right-of-Way Purchases – includes the purchase of land required for the Lee site and rail right-of-ways. Category also includes costs of purchasing additional land for a supplemental cooling pond in event of severe drought as well as costs for surveying the selected transmission right-of-way.

Pre-construction and Site Preparation – includes site activities to prepare the site for construction. Site preparation activities included: dewatering and cleanup of the excavated area, site remediation activities required to identify and properly dispose of hazardous wastes, and costs associated with the demolition and removal of unusable structures. Continuing activities include: site security, utilities and miscellaneous site maintenance. Also included are engineering for bringing water, sewer, railroads, and communications to the site. Other activities such as: geotechnical evaluations (needed for engineering); spillway repairs; as well as, planning and engineering of necessary traffic improvements are being completed.

Supply Chain, Construction Planning and Engineering – includes activities associated with working with the supplier to negotiate an Engineering, Procurement and Construction agreement. Negotiations in 2008 did not result in an executed contract. Also included were conceptual site specific engineering and construction planning activities necessary to develop a complete project definition. Continuing construction planning activities serve to further develop construction plans and keep the construction plans in line with latest engineering. Detailed site specific engineering began in January, 2011, and continues.

Operational Planning – includes activities associated with operator and plant staff training, including costs associated with the Knowledge and Abilities Catalog, required for operator license examinations for AP1000 plants. Continuing activities include: supporting operations program development, such as Quality Assurance (QA) Program, and the review of approximately 500 procedures. The training materials, operational programs, and operating procedures are all being developed in concert with other AP1000 utilities within the APOG framework.

Dated this 1st day of February, 2012.

Respectfully submitted,

DUKE ENERGY CAROLINAS, LLC



Charles A. Castle, Associate General Counsel
Timika Shafeek-Horton, Deputy General Counsel
Duke Energy Corporation
550 South Tryon St., DEC 45A
Charlotte, North Carolina 28202
Telephone: (704) 382-4499 CAC
Telephone: (704) 382-6373 TSH
alex.castle@duke-energy.com
timika.shafeek-horton@duke-energy.com

Frank Ellerbe, III
Bonnie D. Shealy
Robinson, McFadden & Moore, P.C.
P.O. Box 944
Columbia, South Carolina 29202
Telephone: (803) 779-8900
fellerbe@robinsonlaw.com
bshealy@robinsonlaw.com